



## LYLPS Work Plan 2023 October, 2022

### Overview

LYLPS plans to continue to grow and expand activities based on the positive momentum from the past several years. These activities are guided by and in the context of the overall lake management plan.

Primary activities will consist of:

- **Monitoring**
  - Monitor the lake through CSLAP
  - Expand the monitoring by developing a macrophyte monitoring program with Soil and Water (SWCD)
  - Develop a HABs monitoring program
  - Support C-OFOKLA flood rapid-response program
- **Prevention**
  - Continuing support, through C-OFOKLA, of the boat steward program, CCStoptheInvasion.org and including support of the boat decontamination station.
  - Provide content for public outreach, both directly and through C-OFOKLA.
- **Treatments**
  - Treat recurring VLM with ProcellaCOR
  - Treat starry stonewort, pondweed, and nuisance natives through weed harvesting
- **Management**
  - Support SWCD shorescaping program
  - Continue support of septic education program
  - Participate in the Tioughnioga River LWRP Update project
- **Organizational**
  - Continue to build community
  - Maintain the lake management plan
  - Explore establishing a “dredging” fund

The following paragraphs provide details on each of the above activities as well as a proposed budget for implementation.

### Monitoring

LYLPS will participate for its 14<sup>th</sup> year in CSLAP testing. This data supports long term lake management planning.

Additionally, LYLPS will develop a macrophyte monitoring program in conjunction with SWCD to build on the macrophyte mapping project delivered in 2020. This will help us monitor the spread of aquatic invasive species through the lake.

We will work to establish a HABs monitoring and notification system.

Finally, we will work with C-OFOKLA to implement a flood rapid-response program.

## Prevention

LYLPS previously worked with SWCD to win a grant to support building a boat steward program for Cortland County: CC Stop the Invasion. We will continue to provide support to the program including online and program outreach through C-OFOKLA.

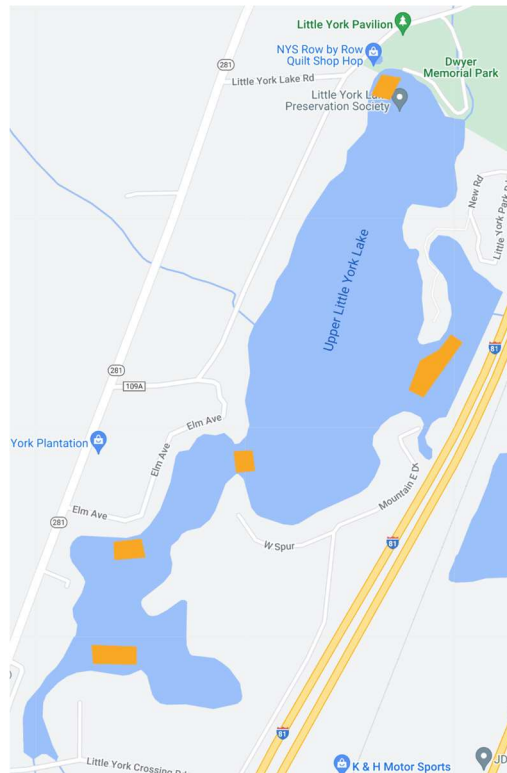
We will also provide content and support for the public outreach and education programs provided by C-OFOKLA.

## Treatment

Learning from our treatment programs over 2019-2022, we are planning to pursue the following treatment regimes in 2023:

- ProcellaCOR will be used to treat additional areas with variable leaf milfoil (VLM) infestations with a focus on treating areas that renewed growth in previously treated areas.
- As natives have re-taken control of many areas of the lake, we need to evaluate which tools to employ to manage the “nuisance” portion of their growth
  - Explore re-deploying lake bottom blankets
  - Mechanical harvesting
  - Hand harvesting

Planned ProcellaCOR treatment areas ~4 acres



## Management

We will continue to support SWCD to create a shorescaping program.

We will provide ongoing support for the county's septic education program to encourage lake homeowners to effectively maintain their systems.

We are participating in the Tioughnioga River LWRP Update project led by Thoma. As the plan reaches conclusion, we will pivot to working to fund initial implementation steps.

## Organization

In order to support our ongoing management efforts, it is important to have a vital community, including an active board. We will continue our community building efforts by:

- Recruit new board members and volunteers, particularly for the CSLAP and macrophyte programs
- Conduct two meetings
- Hold our Independence Day boat parade
- Host our annual fall picnic
- Promote various social events during the summer
- Support ongoing efforts to implement the lake special district

We will explore retaining limnology resources to audit and comment on our lake management plan to ensure we continue to implement best management practices.

In support of our long-term efforts, we will explore creating a "dredging" fund. Rather than targeting lake residence, this fund will target the broader community of institutions and individuals who have a vested interest in the lake. Several themes will be explored:

- Expanded recreational usage
- Environmental resilience
- Maintaining/enhancing the tax base

## Proposed Budget

Below is the proposed budget for 2023. This is based on our 4 years of experience in treating the lake and our prior expenditures:

<b>Little York Lake Work Plan Budget</b>		
<b>2023</b>		
<b>Expenses</b>		
	CSLAP, NYSFOLA, COFOKLA Dues	770
	Herbicide Treatments	8,000
	Lake Mgmt Plan Review	3,500
	Mechanical Weed Control	16,000
	Macrophyte and HABS monitoring	3,000
	Boat steward and cleaning station support	3,100
	Flood response support	1,000
	Printing & Postage	2,000
	Project management	1,000
	Software tools (web, email, etc)	1,000
	<b>Total Expenses</b>	<b>39,370</b>
<b>Sources of Income</b>		
	County/SWCD Allocation	7,500
	Donations	750
	Dues	1,625
	In-kind Labor	3,000
	Grants	-
	Property tax**	17,885
	<b>Total Income</b>	<b>30,760</b>
	<b>Surplus/(Deficit)</b>	<b>(8,610)</b>
** Tax assumes \$19 million assessed value and .94 mils rate		